



## Balancing Service Election for Variable Energy Resource Balancing Service (VERBS) Version 1

Effective: 04/27/11

This Business Practice implements the requirement that **Variable Energy Resource (VER)**<sup>1</sup> Customers make a **Balancing Service Election**<sup>2</sup> for the **FY**<sup>3</sup> 2012 - 2013 rate period which ends September 30, 2013. Although the BPA Administrator has not yet made a final decision regarding aspects of **VERBS**<sup>4</sup> service for the rate period, BPA will need the information as part of BPA's forecast balancing reserve capacity requirements, to price those reserves, and to make a final rates decision for VERBS for the rate period.

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<sup>1</sup>An electric generating facility that is characterized by an energy source that: (1) is renewable; (2) cannot be stored by the facility owner or operator; and (3) has variability that is beyond the control of the facility owner or operator. This includes, for example, wind, solar thermal and photovoltaic, and hydrokinetic generating facilities. This does not include, for example, hydroelectric, biomass, or process steam generating facilities.

<sup>2</sup>Written notification from a VER Customer to: (1) take all components of VERBS from BPA; (2) self-supply the imbalance component of VERBS; or (3) move the output of the variable energy resource to another balancing authority area.

<sup>3</sup>Fiscal Year - October - September

<sup>4</sup>"Variable Energy Resource Balancing Service," as described in the ACS-12 rate schedule and General Rate Schedule Provisions. Also referred to as "Wind Balancing Service" in the ACS-10 rate schedule.

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## A. Election Date

1. Each VER Customer<sup>1</sup> must make a Balancing Service Election for the FY 2012 - 13 rate period by Close of Business<sup>2</sup> on May 2, 2011.
2. Except as provided in the Final ACS-12 rate schedule, if a VER Customer fails to make a Balancing Service Election pursuant to this Business Practice, BPA will not offer VERBS to that VER Customer during the FY 2012 - 2013 rate period.

## B. Eligibility Criteria for Self-Supply of VERBS

1. A VER Customer that elects to self-supply one or more components of VERBS for the FY 2012 - 2013 rate period must meet the eligibility criteria set forth in the Customer Supplied Wind Balancing Service<sup>3</sup> Pilot Program Business Practice.

## C. Eligibility Criteria for Dynamic Transfer Out of the BPA Balancing Authority Area

1. A VER Customer that is subject to the Wind Balancing Service Rate on April 30, 2011, or the VERBS rate in the ACS-12 rate schedule on October 1, 2011, that expects to dynamically transfer the output of its variable energy resource to another Balancing Authority Area on or after May 2, 2011, must satisfy the eligibility requirements of the Dynamic Transfer<sup>4</sup> Operating & Scheduling Requirements Business Practice prior to implementing the dynamic transfer.

## D. Submitting a Balancing Service Election

1. VER Customers must submit Balancing Service Elections in writing via e-mail to their Transmission Account Executive. Please include the following information in the communication:

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<sup>1</sup>Any customer taking service under Use of Facilities (UFT), Formula Power Transmission (FPT), Integration of Resources (IR), Part II or Part III of the OATT.

<sup>2</sup>5:00 p.m. Pacific Prevailing Time

<sup>3</sup>The Variable Energy Resource Balancing Service (VERBS) for Wind Resources described in BPA's applicable Transmission and Ancillary Services Rate Schedule.

<sup>4</sup>A term that refers to methods by which the control response to load or generation is assigned, on a real-time basis from the Balancing Authority to which such load or generation is electrically interconnected (native Balancing Authority) to another Balancing Authority (attaining Balancing Authority) or other controlling entity on a real-time basis. This includes Pseudo-Ties, Dynamic Schedules, and dynamic arrangements within the BPA Balancing Authority Area.

- a. Name of the Generating Facility
- b. Nameplate Generating Facility Capacity of installed generation
- c. If electing to self-supply the imbalance component of VERBS, state the expected effective date of self-supply
- d. If electing to move the resource out of the BPA Balancing Authority Area, provide the expected effective date of the move
- e. If not currently interconnected and in the BPA Balancing Authority Area, provide the Generator Interconnection Request Queue Number of the variable energy resource and the expected date of commercial operation.

## E. Additional Information:

### Policy References

- Customer Supplied Wind Balancing Service Pilot Program
- [BPA Open Access Transmission Tariff \(OATT\)](#), Attachment L (LGIA) and N (SGIA)
- [BPA Ancillary and Control Area Services 2012 \(ACS-12\) Rate Schedule](#). (As of April 1, 2011, the Administrator has not yet made a final decision regarding the proposed ACS-12 rate schedule. To the extent the Administrator's final decision regarding the proposed ACS-12 rate schedule conflicts with any term in this business practice, the final ACS-12 rate schedule will govern.)
- [Dynamic Transfer Capability](#)<sup>1</sup>: Requesting & Awarding Access - Pilot
- Dynamic Transfer Operating & Scheduling Requirements

### Related Business Practices

- [Generation Imbalance Service](#)<sup>2</sup>
- Redispatch and Curtailment
- [Failure to Comply](#)<sup>3</sup>

### Version History

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Version 1	04/27/11 New business practice posted.
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<sup>1</sup>The capability of the transmission system to accommodate continuous ramping of a resource (s) over a pre-determined range, such that the control of the electrical output of such resources(s) can be varied from moment to moment by an entity other than the host utility/host Balancing Authority Area operator.

<sup>2</sup>The Generation Imbalance component of Variable Energy Resource Balancing Service (VERBS).

<sup>3</sup>The consequences of non-compliance as defined in the Failure to Comply Business Practice in effect at the time.